

1965 Arrived at Key West on the evening of 2 June. West told that there had been a hard rain a couple of days before and the gutters were full of rain water. On the morning of June 3 explored the region to the eastward of the town where there are many "lagoons" and puddles.

They contained much life, including beetles, dragonfly larvae, but absolutely no trace of mosquito larvae or adult insects.

The pools were the ocean washed up on the hillside. In the afternoon there was a very heavy shower which lasted till evening.

With interruptions, I took a walk (Step 10) of my water pitcher. In the night went to the bar and got a number of the Caribbean

before taken by Mr. Schrey.
They were on the under
side of the leaves and about
20 were huddled together
under one curled up leaf
- it was showering at the
time. No trace of larvae.

4 June. Got a supply of
Stegomyia (?) larvae from
water-patches in the hotel.
Examined tanks in hotel,
saw a single larva but
could not get it, at yester
many pools in the course
of day, both in and out of
town and wherever there
was water but could not
find no larvae.

The basidiids taken
yesterday are golden
metallic green above, like
Phrag. helianthi, - the
margin transparent.
Beneath greenish gold
with finely reflecting.

5 June. Supply for Wolfenstein.
5 gal. bath wine
6 " " do.
7 " " do.
8 " " do.
20 $\frac{1}{2}$ " do
23 " " "
25 " " "
28 " " "

1907.

5 Dec. Lve. N.Y. on S.S. Mérida

9 Dec. arr. Havana.

11 Dec. on shore at Progreso.

Trip to shore & back : \$3.00

13 Dec. arr. Vera Cruz.

16 Dec. V. C. to Córdoba.

20 Dec. - 7 p.m. Warm
dark night. ♂ *Culex (cubensis.)*
swarming over man's head
sitting near light on veranda,
upper floor. Other ♂'s flitting
about and alighting on table.

In the river-pools there appears
to be only one sp. now - *C. coronator*
larvae of all sizes & a few pupae.

23 Dec. Córdoba. Males of *Culex*
(*cubensis*?) go to sugar on
table at night - as many as
5 in the sugar bowl at one
time. On the 19th I saw
a ♂ *Steg.* in the sugar-bowl,
in the daytime.

25 Dec. Orizaba and return.

31 Dec. (Córdoba) Rained inter-
mittently all day.

[fare to Orizaba .89

1908.

1 Jan. (Córdoba) Cloudy and
not cool - cleared towards eve-
ning and warmer.

2 Jan. To Millan, 59 kilo-
meters on V. G. al Pacifico line,
and return. Weather cloudy,
hot & sultry with showers.
Country open (cleared) with
strips of forest. - A desirable
collecting place, much nearer
Córdoba, appears to be 2 miles.
Fare to Millan : 2.41

3 Jan. To Orizaba and ret.
To cash check. Climbed
mountain on west side of
town. Saw *Pyrameis* at a
lanta and *Eristalis tenax*
near public garden.
Sunny in the morning,
cloudy in afternoon.

4 Jan. Sunny and clear
all day. Late in the afternoon
went collecting. Found seclud-
ed place on river-path thru
coffee plantation. Banks steep,
very wild. Found *Culex* larvae
in depression in boulder. Took
bath in river - water cold.

5 Jan. Moved from Hotel Inglaterra to Hotel Francia in the afternoon. Made short excursion towards evening - When I returned Fritz Wolfenstein, from Vera Cruz, was waiting for me. Spent the evening together.

6 Jan. Wolfenstein left this morning for Vera Cruz, via Tierra Blanca. It was rather hot yesterday and today. But late this p.m. it clouded over suddenly and became cool - a "noche".

7 Jan. It rained through the night. Cool and heavy clouds all day with occasional drizzle.

9 Jan. Cloudy - a couple of hours sunshine in forenoon

10. Jan. Clear + bright. - 11 p.m. noche with drizzle -

11 Jan. Cloudy with occasional drizzle.

12 Jan. Clear + bright - not a cloud all day - went to Orizaba to see bull-fight

and "Corchaito" a famous toro. Returned to Coicula 13 Jan in the morning (7.30 train). Cloudy, a cool wind blowing. Norte all day.

14 Jan. Norte all day. Went to Orizaba again to cash draft 24331, rec'd yesterday from Dr. Howard. Met Mr. Willis of Hacienda Gale near Tierra Blanca.

15 Jan. Sunny with some clouds. In the evening went down to river, back of market. After sunset saw large swarm and copulation of a sp. of Tipulidae. They were over the river at a great height - some 40 ft. or more higher than the top of the cañon. The swarm was very loosely organized and they circled about slowly. One pair in copula was captured as they floated down obliquely. At dark the swarm disappeared.

16 Jan. Sunny - part cloudy. At eve noche and rain at night.

17 Jan. "Norte" all day, very disagreeable; rained hard at night.

18 Jan. Cloudy with short intervals of sunshine. In the afternoon pretty steady rain. Went to river a.m. - found larvae of *Lutjia* in puddle on big boulder in company with many pupae of *Ades*. On big boulder, with overhanging sides, in middle of stream in well-shaded place great numbers of a very small fly (*beratopogon*?) with produced proboscis.

19 Jan. Cool and rainy -

20 Jan. Sunshine. Went to same locality on river as on 16 & 18 th. Found immense quantities of a very small black fly in immense numbers on side of a boulder in middle of stream. — one side was black with them — boulder fully 6 ft. high.

21 Jan. Fair weather.

22. Jan. Fin. cooler and cloudy
in afternoon & evening.

18 Feb. Fine weather.

19 " Cloudy & rainy.

20 .. Rain all day, cold.

21 .. Fine.

7 March. Cloudy, approaching Norte. Went above San José and found mosq. larvae in tree hole

8 March. Part cloudy.

9 .. Cloudy rain at night

10 .. " - cold.

11 .. " , rain during night

12 .. " " -

13 .. Fair. To Orizaba

14. .. Fair, part cloudy.

15. .. Fine

16 .. " Found group of 27 pierid pupae on tree trunk near its base. The tree, a small one, almost completely defoliated by the larvae. The was on bank overlooking river. Adults, black with red band on fore-wings (♂) iss.

17 + 18 March. - 16th p. m. took Sabithes in plantation path towards river.

17th. Went with Mr. Gray and got down the lower ones of the bromeliads - the only source from which the Sabithes could have come. Some plants, high up in the tree, remained.

24 March. Dr. Fenzl & wife arrived on afternoon train from Mex. City.

26. Earthquake shocks at about 4.30 p. m. and again at 9.15. Both quite severe, particularly the second.

31 March. To Orizaba & return. Found larvae of 3 sp. of Coccinellidae on walls of public park (Oriz.)

1 Apr. Cord. Found numerous Psychodidae, & Tipulidae on boulders in stream coming through well-shaded ravine with high steep sides - descent of stream rapid.

3 Apr. Rain at night

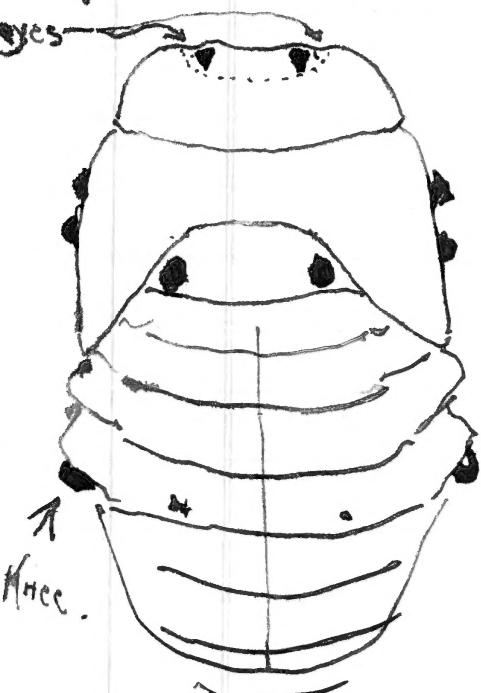
4 .. Cloudy & rainy afternoon.

5 .. Shower in evening. In forenoon went above San José with Dr. Fenzl. He beat several larvae of Coccinellidae from

sunfish. Commonest sp. is black with bright lemon yell. markings on body, head pale ferrug. yellow. A second sp. has the body cream white with black marks, the head pale ferrug. yellow.

12 Apr. Haw had afternoon showers for the last 3 days.

13 Apr. 2 $\frac{1}{2}$ sp. of Coce. lava, mentioned above, has pupated. Pupa cream white, eyes ferruginous; knees black, prothorax with 4 black spots; metathorax with 2 " " ; 4th abd. segt. with 2 small dark dots.

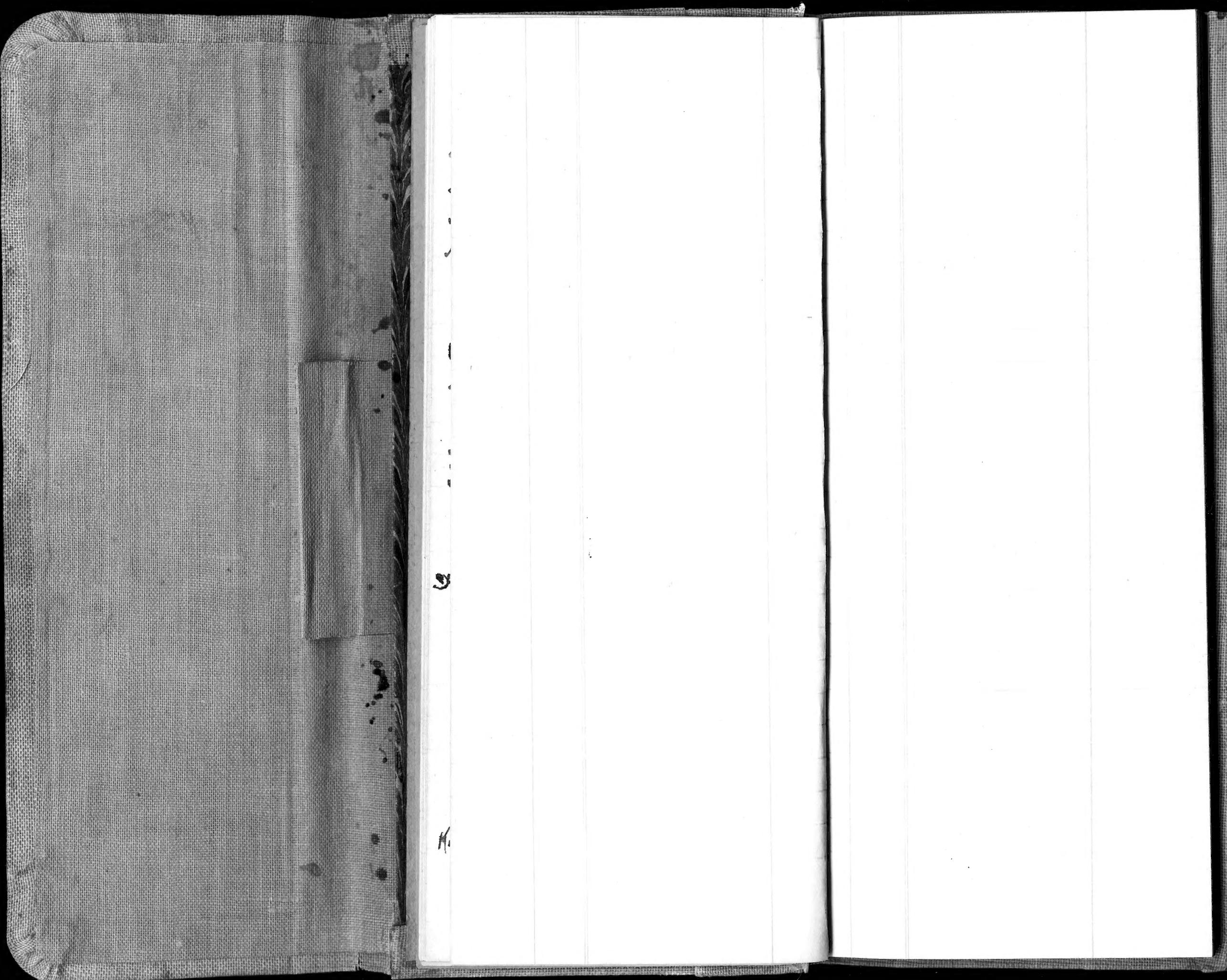


20 Apr. Heavy tropical shower in afternoon.
21 Apr. Dr. Tenyes took first blue *Leptinotarsa* 10 May. In the afternoon many shower. Since 21 Apr. we have had two periods of "morte" with chilly damp weather & slight drizzles.

Start Apr. 25 Dr. F. took four spec. of the blue Lept. on *Physalis*.

10 May. The common large *Hatticid* with dull bluish elytra & ivory yellow thorax & legs now has the light parts scarlet while the elytra show a brilliant blue lustre.

16 May. It has rained every afternoon and night since last Sunday. Ins. are becoming abundant *Macroctylus* in copula common today.



J. L. Michel
A. Vetsburg Co.
Savannah, Ga.

